

**In the Specification:**

Please replace the paragraph beginning at page 1, line 5 with the following rewritten paragraph:

- This application claims the benefit of the following applications:

- B<sup>1</sup>
- (1) provisional application Ser. No. 60/084,564, filed May 7, 1998;
  - (2) provisional application Ser. No. 60/087,645, filed June 2, 1998;
  - (3) provisional application Ser. No. 60/093,712, filed July 22, 1998;
  - (4) provisional application Ser. No. 60/094,935, filed July 31, 1998;
  - (5) provisional application Ser. No. 60/095,880, filed August 10, 1998;
  - (6) provisional application Ser. No. 60/096,068, filed August 11, 1998;
- all of which are incorporated by reference herein.

Please delete the paragraph beginning at page 1, line 34 through line 41.

**In the Claims:**

Please cancel claim 7.

Please amend claims 1, 2, 5 and 8, as follows:

gubci  
B<sup>2</sup>  
1. An isolated polynucleotide comprising the nucleotide sequence of SEQ ID NO:21.

2. The polynucleotide of any one of claims 1, 8 or 14-19, wherein said polynucleotide is operably linked to at least one expression control sequence.

B<sup>3</sup>  
5. A process for producing a protein encoded by the polynucleotide of any one of claims 1, 8 or 14-19, which process comprises:

- (a) growing a culture of a host cell transformed with said polynucleotide in a suitable culture medium; and
- (b) purifying said protein from the culture.

~~B4C2~~ 8. An isolated polynucleotide comprising the cDNA insert of clone er311\_20 deposited under accession number ATCC 98781.

Please add new claims 14 to 19, as follows:

~~14.~~ An isolated polynucleotide comprising the nucleotide sequence of SEQ ID NO:21 from nucleotide 8 to nucleotide 2008.

~~C3~~ ~~15.~~ An isolated polynucleotide comprising a nucleotide sequence that encodes a protein comprising the amino acid sequence of SEQ ID NO:22.

~~B5~~ ~~16.~~ An isolated polynucleotide that hybridizes under conditions at least as stringent as 1X SSC at 65 degrees C, or 1X SSC at 42 degrees C with 50% formamide, followed by washing in 0.3X SSC at 65 degrees C, to a complement of the polynucleotide set forth as SEQ ID NO:21, wherein said polynucleotide encodes a polypeptide having a kanadaplin activity.

~~17.~~ An isolated polynucleotide that hybridizes under conditions at least as stringent as 1X SSC at 67 degrees C, or 1X SSC at 45 degrees C with 50% formamide, followed by washing in 0.3X SSC at 67 degrees C, to a complement of the polynucleotide set forth as SEQ ID NO:21, wherein said polynucleotide encodes a polypeptide having a kanadaplin activity.

~~18.~~ An isolated polynucleotide having at least 90% sequence identity to the polynucleotide set forth as SEQ ID NO:21, wherein said polynucleotide encodes a polypeptide having a kanadaplin activity.

~~19.~~ An isolated polynucleotide having at least 95% sequence identity to the polynucleotide set forth as SEQ ID NO:21, wherein said polynucleotide encodes a polypeptide having a kanadaplin activity.